

GRID
KOLKATA
India

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ALSTOM

Ref. : ATDIL/ AGN / 03/2013

Date : 20th April, 2013

To whom it may concern

This is to certify that M/S SATCON was appointed to provide electrical detail design drawings and calculations for the 2 x Line dia. extension of 400kV existing switchyard at OPTCL, Meramundali, Orissa under Areva P.O.no. **7900002622 dt 04.07.08.**

The job included the following work in brief:

1. Protection and metering single line diagrams for 400kV switchyard.
2. Earthing calculation, DSLP calculation, Outdoor lighting calculations.
3. Erection key diagrams, bill of materials for clamps, connectors, insulators, ACSR conductors, Al. tube bus and hardware.
4. Lighting layout, SLD, BOM and calculations.
5. Earthing layout plan and details with BOM.
6. Lightning protection layout and details with BOM.
7. Interlocking schematics for Bay marshaling kiosks (BMK).
8. Power and control cable schedules and interconnection diagrams.

This is to certify that M/S SATCON has completed the work in stipulated time and to the satisfaction of all concerned.


Alope Guha Niyogi
Dy. General Manager (Projects)